

Name _____ Date _____

2.5A DIVIDING RADICAL EXPRESSIONS

Simplify each radical expression

1. $\frac{7 + \sqrt{5}}{4 - \sqrt{5}} =$

2. $\frac{8 + \sqrt{7}}{5 - \sqrt{7}} =$

3. $\frac{4 - 5\sqrt{2}}{3 - 7\sqrt{2}} =$

4. $\frac{5 + 3\sqrt{6}}{8 + 2\sqrt{6}} =$

5. $\frac{\sqrt{192a^{11}}}{\sqrt{8a^6}} =$

6. $\frac{\sqrt{6x}}{\sqrt{8}} =$

7. $\frac{\sqrt{3a^3}}{\sqrt{6a^7b^8}} =$

8. $\frac{\sqrt[3]{5}}{\sqrt[3]{9x^2}} =$

9. $\frac{\sqrt{48a^7b^{12}}}{\sqrt{30a^{13}b^9}} =$

10. $\frac{\sqrt[3]{56a^{11}b^{12}}}{\sqrt[3]{40a^8b^{17}}} =$

11. $\frac{3\sqrt{3} - 4\sqrt{2}}{6\sqrt{6}} =$